

AGENDA

FY2019 Research Rapid Response
“Novel Computing – Part 1”
September 24, 2019, 10 am – 11:45 pm
Location: MSL Auditorium

10:00	Introduction Rapid Response “Novel Computing”.....	S. Eidenbenz ISTI/NSEC
10:05	Implementing a Spiking, Neural Backpropagation Algorithm on a Neuromorphic Chip A. Sornborger, A. Zlotnik	CCS-3/T-5
10:25	Comparing Quantum, Neuromorphic, and Solid-State QUBO Solvers	B. Migliori CCS-7
10:45	Mean Field Game Theory for Optimized Annealing on Quantum Computers	P. Welch T-4
11:05	Quantum Isomer Search.....	S. Mniszewski, C. Negre CCS-3/T-1
11:25	Fast Hybrid Algorithms for Quantum Simulation	R. Somma T-4
11:45	ADJOURN	

“Novel Computing – Part 2”
October 23, 2019, 2:00 pm – 3:00 pm
Location: CNLS Conference Room

2:00	Radiation Tolerance of Next Generation Archival Storage using Synthetic DNA S.Blanchard	HPC-DES
2:20	Passive MemComputing in Lithographic Arrays of Interacting Magnetic Nanoislands C. Nisoli	T-4
2:40	Quantum Computing Using Ultracold Neutrons	J. Wang P-25
3:00	ADJOURN	

Host:

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